

**STABILIZED DUAL ZEOLITE SINGLE PARTICLE CATALYST COMPOSITION
AND A PROCESS THEREOF**

ABSTRACT

The present invention relates to a stabilized dual zeolite catalyst for cracking heavier hydrocarbons into lighter useful products said catalyst comprising two types of zeolites viz., low silica molecular sieve and stabilized high silica zeolite, silica-alumina based binder and kaolin clay and a process for the preparation of the stabilized dual zeolite catalyst.